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(74) Agents: **RUTAN & TUCKER** et al.; 611 Anton Blvd., 14th Floor, Costa Mesa, CA 92626-1931 (US).

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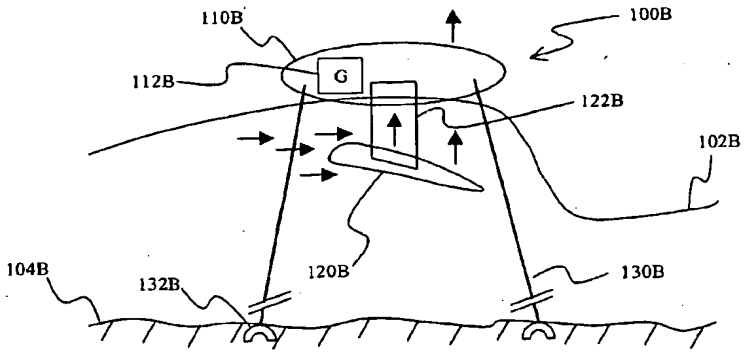
(54) Title: CONFIGURATIONS AND METHODS FOR WAVE ENERGY EXTRACTION



(57) Abstract: A wave energy harvester (100A) includes an element (120A) that converts forward and/or backward of water in a wave (102A. B. C) passing the harvester (100A) into upward and/or downward movement to thereby increase the vertical amplitude of the harvester (100A) relative to the sea floor (104A. B. C). In most preferred aspects, the element (120A) is a hydrofoil that is coupled to the harvester (100A). Further preferred aspects include those in which part of, or the entire harvester (100A) has a neutral buoyancy, and where energy is extracted from the downwards movement of the neutrally buoyant part (100A) after a wave has lifted that part (110A).

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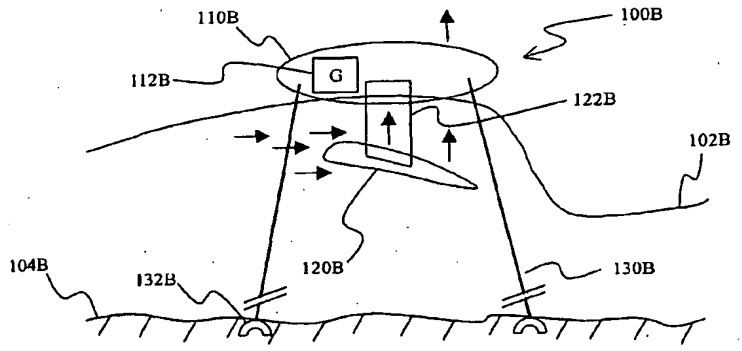

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